



Solutions for event-driven architecture –
now temporary or permanent!

Modular Systems for Stadiums and Grandstands



Cost-efficiency, speed, security and an outstanding visual appearance.

Our modular systems for stadiums and grandstands combine the advantages of concrete and scaffolding in a unique way, opening up new dimensions for temporary or permanent events-based architecture: in astounding conditions, with breathtaking speed and an impressive visual appearance combined with the security of an experienced manufacturer.

Large Olympic ski jump at Garmisch-Partenkirchen



The most up to date ski jump technology for the Large Olympic ski jump at Garmisch-Partenkirchen planned and supplied by Lichtgitter. Metal profile gratings of different types ensure stability on 314 steps and 17 intermediate landings for the main staircase and on the medium and start levels and staircase near the start.

Are this or other applications, such as event halls, exhibition standards, ceiling suspensions, wall linings, facades, fences, partitions or staircases of interest to you? Then contact us directly on:

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Modular systems for stadiums and grandstands: well thought out – well done

Our thorough knowledge of steel goes back for decades, especially the production of gratings and perforated metal planks. We are a competent and reliable manufacturer of project linked contracts for industrial and architectural tasks.

Our own patented modular system for events-based architecture arose, thanks to our perforated metal planks. The arguments are so convincing that we serve well-known sports and events sites on a European-wide basis, indeed, the advantages are obvious, as our system combines all kinds of things:

Cost-efficiency, speed, security and an outstanding visual appearance.

Especially in comparison to concrete or scaffolding, our inspected and tested system can hardly be beaten. The costs are comparable to those of simple and rather unappealing scaffolding constructions. Lichtgitter on the other hand provides a convincing visual appearance and numerous practical advantages – both for durable and temporary constructions. The modular keynote provides virtually boundless possibilities in terms of form and size. The connection with existing structures is simple and trouble-free. Even large grandstands can be planned and constructed in a short period of time.

Lichtgitter: A bright outlook – since 1929.

The Lichtgitter GmbH was founded in 1929 as a special enterprise to produce metal gratings. The continual development of quality and achievement as well as innovative production technology together with vigilant and market-driven strategic orientation have made Lichtgitter one of the world's leading producers of pressure-locked gratings, forge-welded gratings and perforated metal planks. Lichtgitter has presently 19 affiliated companies and shareholdings world-wide. The Company's present portfolio also comprises the production of GRP-gratings, spiral staircases, steps and ladder-rungs as well as the galvanising according to DIN EN ISO 1461.

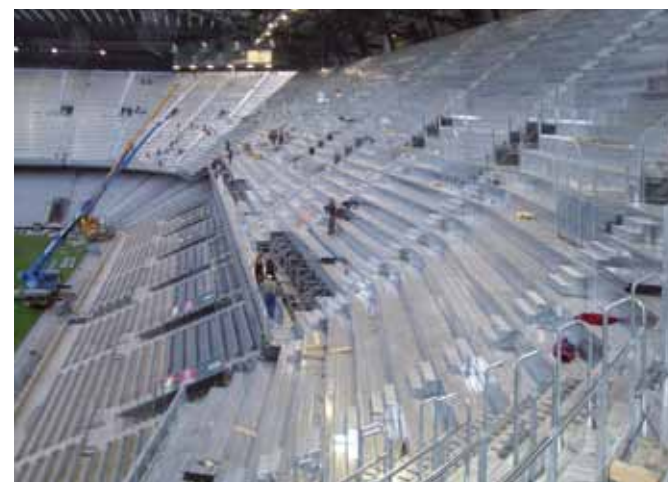
The European Football Championship 2008 Innsbruck Stadium



The visual appearance of the extension of the stadium in Innsbruck presented a challenge to blend in to the backdrop of natural scenery.

The change between the existing, lower concrete tiers and the upper steel tiers delivered by Lichtgitter can barely be noticed from a distance. In unbelievable

speed in planning and assembly enabled a set of temporary upper tiers for spectators of 11.000 running meters to be accomplished and was carried out perfectly.

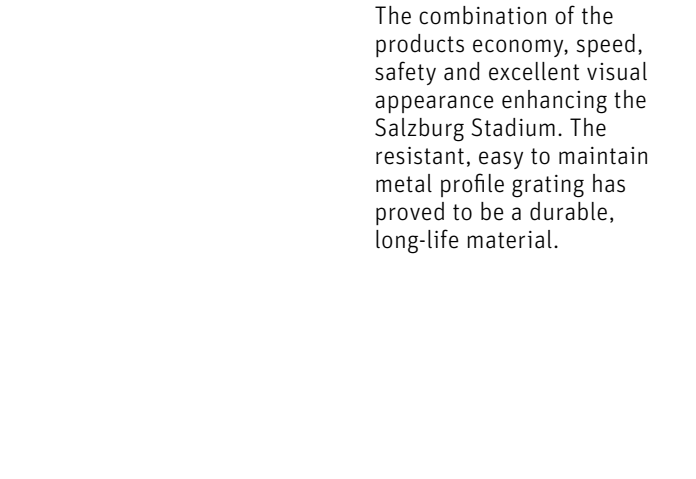


Klagenfurt Stadium



Pre-formed holes in the planks to accommodate seats and railings, greatly accelerates site assembly. The hard wearing, slip-resistant planks provide the spectators with an ideal slip-proof check.

Salzburg Stadium



An overview of the advantages of the proven Lichtgitter stadium and stand system protected by utility design law

Short installation time and high degree of economy

- : Short planning and manufacturing times due to modular structure
- : Rapid assembly due to ingenious fastening solutions
- : Good adaptability to existing components when extending to existing stadia

Tough and resistant

- : High degree of weathering and corrosion resistance
- : Non-flammable, resistant to vandalism

Temporary or permanent

- : Can be completely dismantled and re-used
- : Low recycling costs
- : Long life and high durability

Advanced technology

- : Structural advantages due to optimum cross-sections
- : A support width of up to 5 metres with a useful load of 5,0 kN/m² possible
- : Very small deformations due to integrated riser
- : Structurally suitable fastenings for every substructure
- : Low dead weight to concrete, hence lower foundation forces
- : Closed or open circulation and standing areas available
- : High slip resistance and stability
- : Optional risers prevent objects from falling through

Ease of maintenance and cleaning

- : Good cleaning facilities with conventional equipment, such as high pressure cleaners, steam jets, sweeping machines etc.
- : Good self-cleaning effect of rain
- : Insensitive to the remains of food